

FSQC



MECHANICAL FEATURES

Socket body:	Low copper content aluminium alloy, complete with wall fastening lugs and threaded socket closure cap attached to body with a safety chain
Lid:	Screw fastened, aluminium alloy with low copper content. Used to access socket and make electrical connection
Plug:	Low copper content aluminium alloy, complete with plastic lock rings
Pins:	Nickel-plated brass
Gaskets:	Acid, hydrocarbon and high temperature resistant silicon positioned between the body and the lid
Certificate label:	Adhesive affixed to external surface
Screws:	Stainless steel
Earth screw:	M6 outdoor, M5 indoor
Coating:	Polyester RAL 7035 (Light grey)
Threaded entry points:	One upper and one lower Ø 1" (FSQC-2...) One upper and one lower Ø 1 1/2" (FSQC-3...)

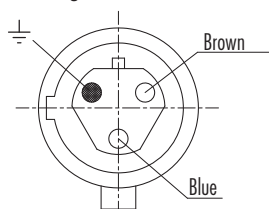
Resistenza alla corrosione:

The STANDARD of the aluminium alloy used by Cortem has passed the tests required by standards EN60068-2-30 (hot-humid cycles) and EN60068-2-11 (salt fog test)

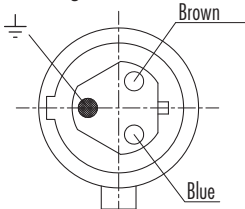
Safety system: The sockets have an interlocked disconnect switch with plug. The rotary movement together with the closing/opening operations which occur inside a special explosion-proof chamber ensure any explosion in the presence of gas is contained. The electrical circuit is connected only after the SPY series plug has been correctly inserted into its seat, and ensures it can only be removed once the electrical circuit has been disconnected.

Internal layout of power and switching modules, in main markings (front view of FSQC socket)

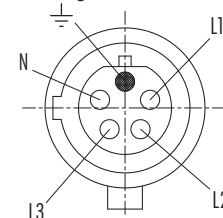
Marking 2P+T 220V-250V



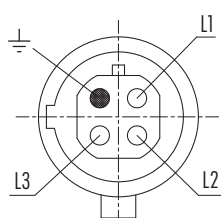
Marking 2P+T 115V-125V



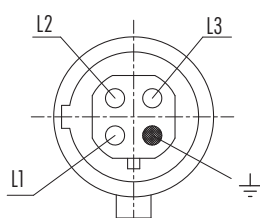
Marking 2P+T 115V-125V



Marking 3P+T 380V-415V



Marking 3P+T 220V-250V



Marking 3P+N+T 220V-250V

